

INTERNATIONAL SEARCH REPORT

/NL2004/000639

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07C7/12 C10G45/06 B01J23/755 B01J37/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C07C C10G B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 1 144 498 A (BRITISH PETROLEUM CO) 5 March 1969 (1969-03-05) page 1, line 46 – page 2, line 3 page 3, line 26 – line 76; examples 1b,2 claim 1	1-22
Y	-----	11,12
X	GB 1 240 134 A (BRITISH PETROLEUM CO) 21 July 1971 (1971-07-21) page 1, line 23 – line 31 page 1, line 43 – line 50 page 1, line 73 – line 81 page 2, line 37 – line 64; examples 2,3	1-22
X	US 3 821 123 A (POLLITZER E ET AL) 28 June 1974 (1974-06-28) examples I-X	15,18-22
Y	examples I-X	14,16,17
	-----	-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

21 January 2005

Date of mailing of the International search report

01/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL – 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Mersey, J

INTERNATIONAL SEARCH REPORT

/NL2004/000639

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 162 194 A (LABOFINA SA) 29 January 1986 (1986-01-29) claim 1 -----	21
Y	US 5 223 470 A (BLOM PIETER J W ET AL) 29 June 1993 (1993-06-29) cited in the application column 2, line 67 – column 3, line 26 -----	11,12 14,16,17

INTERNATIONAL SEARCH REPORT

Information on patent family members

'NL2004/000639

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
GB 1144498	A	05-03-1969	BE FR	687783 A 1498697 A	04-04-1967 20-10-1967
GB 1240134	A	21-07-1971	BE DE FR NL	742326 A 1959260 A1 2024935 A5 6917691 A	27-05-1970 25-06-1970 04-09-1970 29-05-1970
US 3821123	A	28-06-1974	CA DE FR GB IT US	1021804 A1 2406024 A1 2218136 A1 1455493 A 1002959 B 3919341 A	29-11-1977 12-09-1974 13-09-1974 10-11-1976 20-05-1976 11-11-1975
GB 2162194	A	29-01-1986	LU AT AT AU BE CN DE ES FR IT JP JP JP KR MX NL NO PT SU US	85487 A1 393132 B 222185 A 4535885 A 902942 A1 85105770 A ,B 3526153 A1 8608463 A1 2568262 A1 1187696 B 1840942 C 5052294 B 61076425 A 9311063 B1 168045 B 8502109 A ,B, 852939 A ,B, 80877 A ,B 1447274 A3 5470456 A	12-02-1986 26-08-1991 15-01-1991 30-01-1986 20-01-1986 28-01-1987 30-01-1986 01-12-1986 31-01-1986 23-12-1987 25-04-1994 05-08-1993 18-04-1986 20-11-1993 29-04-1993 17-02-1986 28-01-1986 01-08-1985 23-12-1988 28-11-1995
US 5223470	A	29-06-1993	NL BR DE DE DK EP JP	9001536 A 9102850 A 69101751 D1 69101751 T2 464956 T3 0464956 A1 4227064 A	03-02-1992 04-02-1992 26-05-1994 25-08-1994 16-05-1994 08-01-1992 17-08-1992